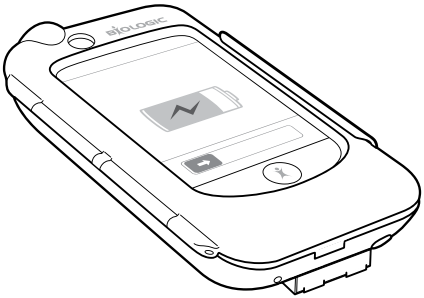
BioLogic™ ReeCharge™ Case for iPhone



Owner's Manual

⚠ CAUTION

Please read the safety instructions for all products and accessories before using them with the ReeCharge case.

Carrying the ReeCharge case
The ReeCharge case contains delicate components so do not bend, drop, or crush it.

Using connectors
Never force a connector into a port. Make sure that the connector matches the port and it is correctly oriented to the port.

Keep the ReeCharge case within acceptable temperatures
Extreme temperatures might affect battery life. Keep the ReeCharge case between -20°C and 45°C and avoid exposing to fire and high heat.

Charging the ReeCharge case
Standard 6V/ 2.4W or 6V/ 3.0W dynamo hubs can be connected to the ReeCharge case.

Connect the ReeCharge case to the bicycle dynamo hub using only the compatible ReeCharge dynamo kit with integrated power regulator. Do not connect the ReeCharge case directly to a dynamo hub.

When charging the ReeCharge case with alternative power sources, use only 5V DC output charging devices rated at less than 1A.

The ReeCharge case and its adaptor may become warm during normal use. Always allow adequate ventilation around the ReeCharge case.

Avoid submerging in water
Do not submerge the ReeCharge case in water.
The ReeCharge case is weatherproof, but not water resistant.

Do not attempt to dry the ReeCharge case device with an external heat source such as a hair dryer, radiator, or oven.

Charge safely while cycling
Do not attempt to operate the buttons or connectors of the ReeCharge case while cycling.

When using a light and simultaneously charging the ReeCharge case from the same dynamo hub, the power from the dynamo hub is split between the two devices, which may lower brightness of the light and possibly compromise safety at night.

Choking hazard
The ReeCharge case contains small parts, which may present a choking hazard to small children.

Keep the ReeCharge case and its accessories away from small children.

Dispose of Safely
The built-in lithium-ion battery can be recycled.

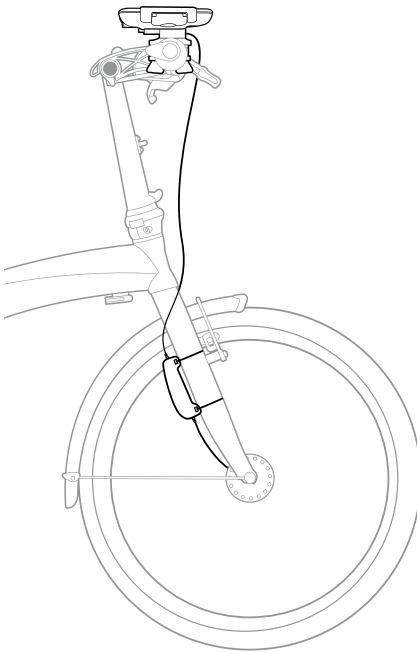
Please dispose of the battery at the nearest recycling location in your area.

Do not use flash
When taking photographs with the iPhone, the flash should be switched off to maintain picture quality.

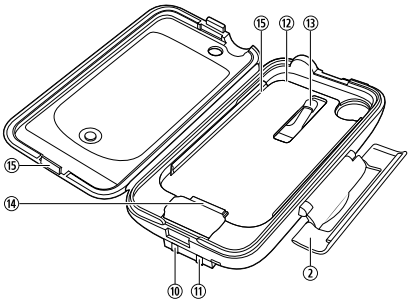
LIMITED PRODUCT WARRANTY INFORMATION:

This product comes with a ONE (1) YEAR Limited Warranty from the date of the retail purchase by the original end-user. If a material or workmanship defect arises and a valid claim is received within the Warranty Period, the case will be replaced. BioLogic cannot be held liable for damages to personal property due to misuse or improper care and maintenance. This product's warranty does not, under any circumstance, cover the replacement or cost of any electronic or personal property inside or outside of the case.

BioLogic BikeBrain™ App



Overview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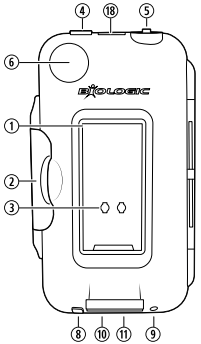
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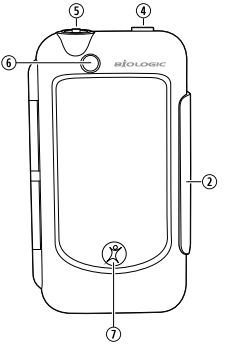
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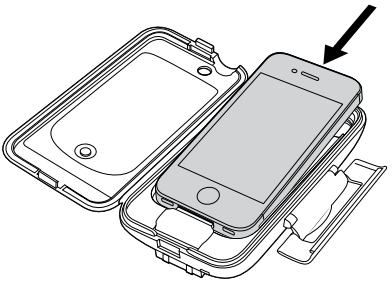
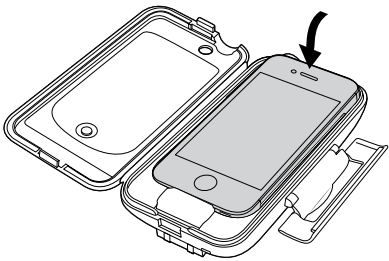
1. Mounting shoe
2. Latch
3. Contacts
4. iPhone Power button
5. Headphone cover
6. Lens cover
7. Home button
8. Charging Button
9. Indicator light
10. Input socket (micro USB)
11. Output socket (mini USB)
12. Silicon liner
13. Spring
14. Connector (30-pin)
15. Clip

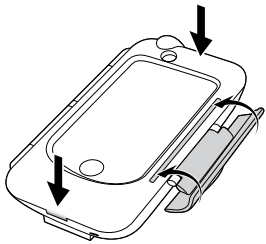
Mounting your iPhone

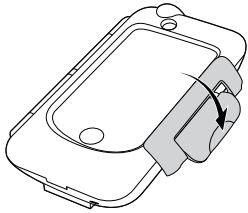
The BioLogic ReeCharge case is compatible with iPhone 4, iPhone 3GS, and iPhone 3G.

To mount your phone, lift the connector and plug the iPhone socket into it before pressing the iPhone into the silicon liner. Then, close the cover ensuring the clips at each end engage the case, then align the edge of the latch with the groove in the case and close the latch.



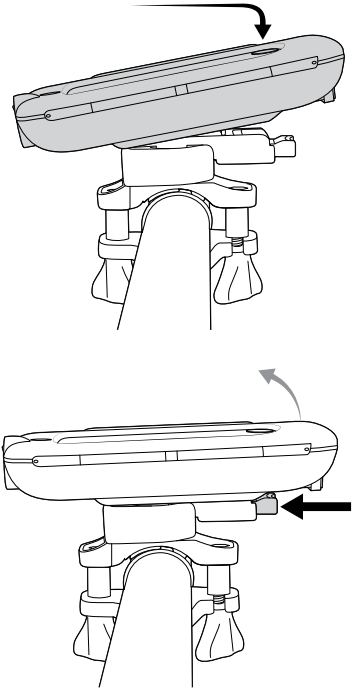






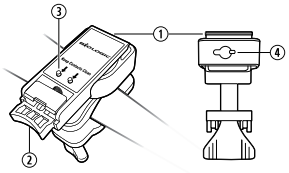
Mounting the ReeCharge Case to a bicycle

Requires: BioLogic Reecharge bracket



Overview

1. Lip
2. Release tab
3. Contacts
4. DC-jack



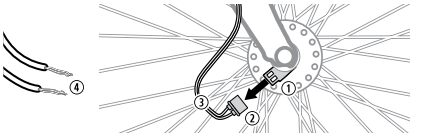
Follow the instructions on the ReeCharge bracket packaging to fix the ReeCharge bracket firmly.

To mount your phone, ensure the mounting shoe of the ReeCharge case has engaged the lip of bracket, then press the ReeCharge case toward the bracket.

To remove, hold the ReeCharge case while pressing the release tab until the case is released, then remove the ReeCharge case.

Connecting the ReeCharge Bracket to a Dynamo Hub

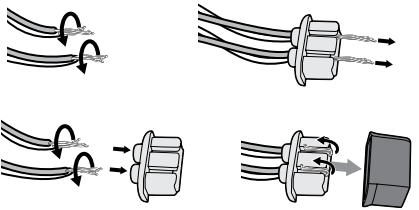
Requires: Dyamno hub, BioLogic ReeCharge bracket, and BioLogic ReeCharge dynamo kit



Overview

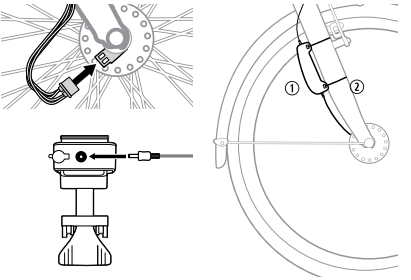
1. Dynamo plug
2. Dynamo connector
3. Dynamo wires
4. Reecharge dynamo kit wires

1. Remove the dynamo connector from the dynamo then remove the outer casing of the dynamo connector. Detach the dynamo wires and remove from the connector.



2. Twist the dynamo wires together with the dynamo kit wires, then insert through the dynamo connector and bend over before reaffixing the outer casing.

WARNING: Ensure that the two groups of wires do not contact each other. If the wires touch, it will form a short-circuit which may damage connected devices.



3. Plug the dynamo connector into the dynamo plug.

4. Fasten the power regulator (1) with zip ties (2) ensuring no wiring interferes with brakes, cables or spokes. Then insert the DC-plug into the DC-jack of the ReeCharge bracket.

Indicator Light

The indicator light changes color depending on charge level. Red indicates less than 30%, amber indicates 30~50%, and green indicates that more than 50% battery power remains.

Without an iPhone mounted, press the power switch for two seconds to check available power.

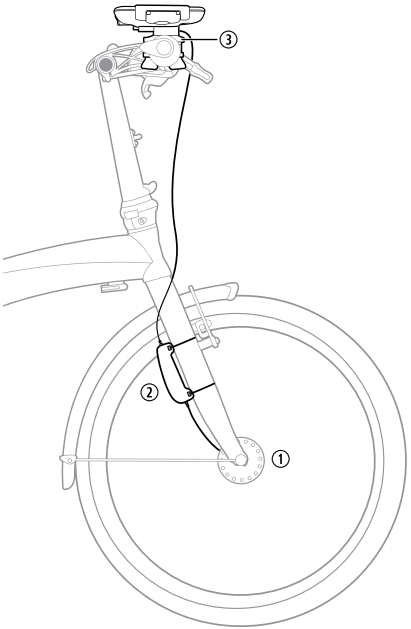
When charging the ReeCharge case, the indicator light will flash red, amber, or green to indicate charge level until fully charged, when it will stay green continuously.

When discharging, the indicator light will steadily shine red, amber, or green to indicate charge level.

Once the ReeCharge case has fully charged the iPhone, the indicator light will continue to shine.

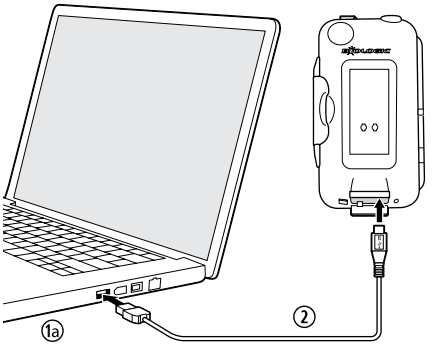
Charging the ReeCharge Case - Dynamo Hub

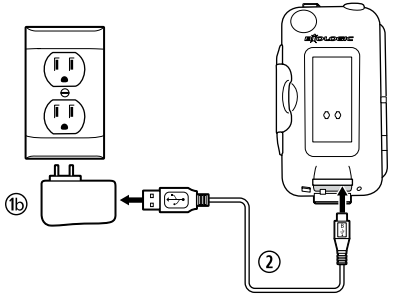
Requires: Dynamo hub (1), ReeCharge dynamo kit (2), ReeCharge bracket (3)



Charging the ReeCharge Case – USB Port

Requires: Computer (1a) or wall-mounted charger (1b) with USB port, and USB to micro USB cable (2)





Charging your Device – iPhone

Before charging, the iPhone must be fully inserted, then press the power switch once to start charging. The indicator light will steadily shine while charging. Press the power switch again to stop charging.

Charging and Synchronizing

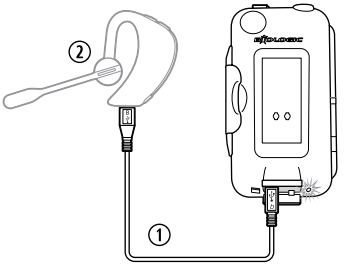
Connect the micro-USB cable to your computer and the ReeCharge case. Press the power switch once to charge your iPhone while synchronizing.

Select one Device to Charge

When the ReeCharge case is connected to a power source with an iPhone inside, only the iPhone or ReeCharge case can be charged.

Charging your Device – External devices

Requires: Mini-USB to device cable (1), external device (2)



If an iPhone is mounted in the ReeCharge case, connect the external device to the power out port using a cable. To charge, press and hold the power switch for four seconds, the indicator light will flash green and red, alternately. To stop charging the external device and start charging the iPhone, press the power switch once.

If no iPhone is mounted in the ReeCharge case, press and hold the power switch for four seconds to charge the external device, the indicator light will flash green and red, alternately. To stop charging, press and hold the power switch for four seconds.

Technical Specifications

Length: 142.3 mm
Width: 81.4 mm
Depth: 30.0 mm
Weight: 165.8g

Battery: 1400mAh Lithium Ion

Output power: 5 V I 500 mA
Input current: 5 V I <1000 mA

Type of power inputs:

- Bicycle dynamo hub (input voltage and current varies with different cycling speed and battery loading conditions)
- PC / laptop USB 2.0 outlet
- Conventional 100~240V AC adaptor

NOTE: For safety reasons, charge-in voltage and current are limited.

Universal power output:
USB 2.0 output at 5 V adaptive 500 mA depending on devices

Mobile device recharge time via USB is about 1-2 hours depending on device

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